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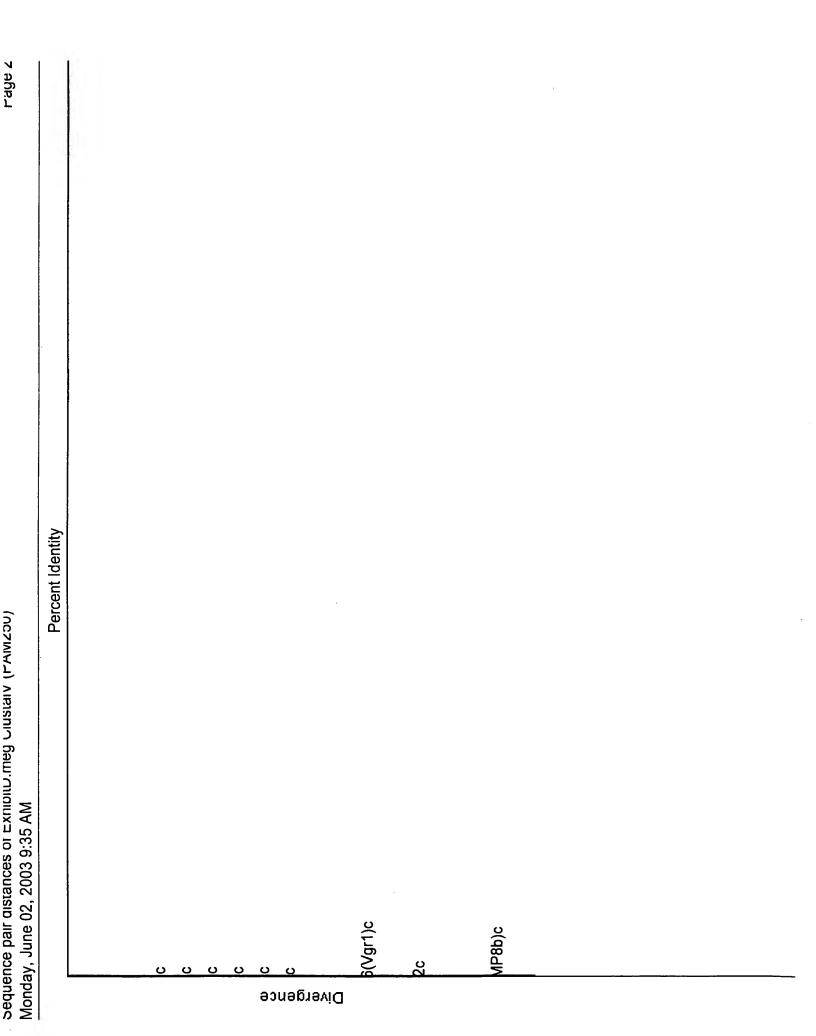
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Sequence pair distances of Exhibitu.meg Ciustaiv (PAIMZDU) Monday, June 02, 2003 9:35 AM

Percent Identity

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53.9	രി	54.5	38.2	51.5	73.5	9.07	39.2	9.89	62.7	70.6	51.0	30.6	55.2	55.2	54.9	-	60Ac
		71.3	40.2	73.3	56.9	58.8	39.2	57.8	52.9	57.8	48.0	27.6	76.0	74.0	49.0	2	Dppc
31.	9.		45.5	92.1	58.4	58.4	38.6	57.4	52.5	59.4	55.4	24.5	94.8	97.9	52.5	3	hBMP2c
107.1 100.3	0.3	83.9		44.6	40.2	41.2	37.9	39.2	38.2	41.2	46.1	24.5	44.8	45.8	37.3	4	hBMP3c
38	28.6	8.4	86.7		56.4	57.4	39.6	55.4	52.5	56.4	53.5	23.5	92.7	93.8	51.5	5	hBMP4c
32.7 6	63.2	53.8	100.3	57.8		91.2	45.1	88.2	73.5	92.2	55.9	25.5	57.3	57.3	65.7	9	hBMP5c
37.3 5	59.0	53.8	1.76	55.8	9.4		45.1	87.3	75.5	99.0	57.8	28.6	58.3	58.3	66.7	7	hBMP6c
107.1	103.7	95.7	103.7	97.6	88.1	88.1		46.1	46.1	44.1	55.9	23.5	39.6	39.6	44.1	∞	hGDF1c
40.6	61.1	55.8	103.7	59.9	12.8	14.0	85.2		73.5	88.2	56.9	28.6	56.2	56.2	65.7	6	hOP1c
_	72.3	66.4	107.1	66.4	32.7	29.7	85.2	32.7		74.5	54.9	26.5	51.0	51.0	75.5	10	hOP2c
37.3 6	61.1	51.8	97.1	57.8	8.3	1.0	91.0	12.8	31.2		58.8	28.6	58.3	58.3	65.7	11	mBMP6(Vgr
8 8.77	85.2	59.9	82.5	64.2	65.4	61.1	59.0	63.2	2.79	59.0		28.6	54.2	55.2	55.9	12	xVg1c
113.1	130.7	128.9	142.7	133.9	125.9	117.2	140.9	113.1	125.9	117.2	121.4		22.9	22.9	25.5	13	hTGFb2c
60.0	24.5	5.4	92.8	7.7	22.2	53.6	91.7	57.8	69.4	53.6	62.3	130.0		6.96	54.2	14	cop5
60.0	27.4	2.1	82.7	6.5	22.5	53.6	91.7	57.8	69.4	53.6	0.09	130.0	3.2		54.2	15	cop7
67.7	82.5	66.4	110.7	68.7	45.7	43.9	88.1	45.7	29.7	45.7	65.4	125.9	62.3	62.3		16	OP3(BMP8t
	7	3	4	2	9	2	8	6	10	11	12	13	14	15	16		

Divergence



# Alignment Workspace of Exhibitu.meg Clustaly (PAINIZ5U) Monday, June 02, 2003 9:35 AM

60Ac Dppc hBMP2c hBMP3c hBMP5c hBMP6c hGDF1c hOP1c hOP2c xVg1c hGF5c	10
cop7	LYVDF-SDVGWNDWIVAPPGYHAFYCHGECPFPLADHINSTNHAVVQILVNSVNS-K-IPKACCVPTELSAISMLYLDENEKVVLKNYQEM 88
OP3 (BMP8b) c	CRIGELYVSF-RDLGWLDSVIAPQGYSAYYCAGECTYPINSCMNSTNHATMQALVHIMKPDI-IPKVCCVPTELSAISLLYYDRNNVILRRERNM 94

# WEGCGCR

60Ac		
Dppc	•	
hBMP2c	•	
hBMP3c	•	
hBMP4c		
hBMP5c		
hBMP6c		
hGDF1c	-	
hOP1c	•	
h0P2c	•	
mBMP6 (Vgr1)c	•	
xVglc	. ¬	
hTGFb2c		
cop5	WEGGGR	
cop7	•	
OP3 (BMP8b) c		